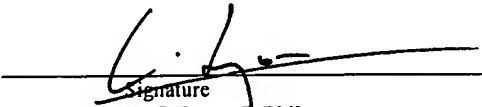


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 2006078-0009 (JG/12987.54) 10/549796
INTERNATIONAL APPLICATION NO. PCT/CA2004/000453		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) To be assigned
INTERNATIONAL FILING DATE March 25, 2004		PRIORITY DATE CLAIMED March 26, 2003
TITLE OF INVENTION PHEX SUBSTRATES AND METHODS USING SAME		
APPLICANT(S) FOR DO/EO/US Boileau, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). Publication WO 2004/085465 A1 (54 pp., including front page, Sequence Listing & Int'l Search Report) b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.) 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. (12 pp.) 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <input checked="" type="checkbox"/> Paper Copy of Substitute Sequence Listing (10 pp.) <input checked="" type="checkbox"/> Computer-readable form of Substitute Sequence Listing <input checked="" type="checkbox"/> Statement Under 37 C.F.R. § 1.821(f) (1 pg.) <input checked="" type="checkbox"/> Return Postcard <input checked="" type="checkbox"/> Certificate of Express Mailing (1 pg.)		

U.S. APPLICATION NO. <small>(if known, see 37 CFR 1.5)</small> 10/549796		INTERNATIONAL APPLICATION NO. PCT/CA2004/000453		ATTORNEY'S DOCKET NUMBER 2006078-0009 (JG/12987.54)											
21. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee \$300.00 <input checked="" type="checkbox"/> b) Examination fee..... \$200.00 <input checked="" type="checkbox"/> c) Search fee \$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">Applicant use</th> <th style="width:50%;">Office use only</th> </tr> <tr> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>\$ 500.00</td> <td></td> </tr> <tr> <td>\$1,000.00</td> <td></td> </tr> </table>		Applicant use	Office use only	\$ 300.00		\$ 200.00		\$ 500.00		\$1,000.00	
Applicant use	Office use only														
\$ 300.00															
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\$1,000.00															
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.															
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE												
54- 100 =	0/50 =	0	x \$250.00												
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$-											
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE												
Total claims	48- 20 =	28	28 x \$50.00	\$1,400.00											
Independent claims	5 - 3 =	2	2 x \$200.00	\$ 400.00											
MULTIPLE DEPENDENT CLAIM(S) (if applicable) NONE			0 x \$360.00	\$ 0.00											
TOTAL OF ABOVE CALCULATIONS =				\$2,800.00											
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				-\$1,400.00											
SUBTOTAL =				\$ 1,400.00											
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f))				\$ 0.00											
TOTAL NATIONAL FEE =				\$ 1,400.00											
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0.00											
TOTAL FEES ENCLOSED =				\$1,400.00											
Amount to be refunded				\$											
Amount to be charged				\$											
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,400.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>03-1721</u> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1721</u> . A duplicate of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.															
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Patent Group Choate, Hall & Stewart Two International Place Boston, Massachusetts 02110															
				 _____ Charles E. Lyon, D.Phil. Name 56,630 Registration Number											

ATTORNEY DOCKET No.: 2006078-0009 (JG/12987.54)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

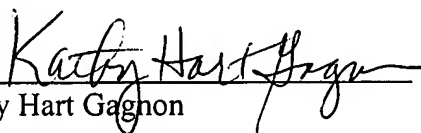
Applicant: Boileau, *et al.* Examiner: NYA.
Serial No: NYA Group Art Unit: NYA
Filing Date: September 19, 2005
Corresp. to: PCT/CA2004/000453
Int. Filing Date: March 25, 2004
Earliest Priority: March 26, 2003
Title: PHEX SUBSTRATES AND METHODS USING SAME

Mail Stop: PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Certificate of Express Mailing

I hereby certify that the foregoing documents are being deposited with the United States Postal Service as "*Express Mail Post Office to Addressee*" service under 37 C.F.R. 1.10 in an envelope addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date of September 19, 2005.


Kathy Hart Gagnon

Express Mail No.: EV 694839676 US